

ENERCONTROL

Energy Control Simplified

Enercontrol Systems – is a dedicated energy control and power quality solutions provider for achieving improvement in energy efficiency and power quality in your network. The company's vision & mission is to be the most preferred solution provider for energy & power issues. We are proud to offer products from the following world class manufacturers:



– VFD & Softstarters from Sweden



– Power quality solutions from Germany



– Complete Rotating Machine Spectrum from India

Electrical Solutions



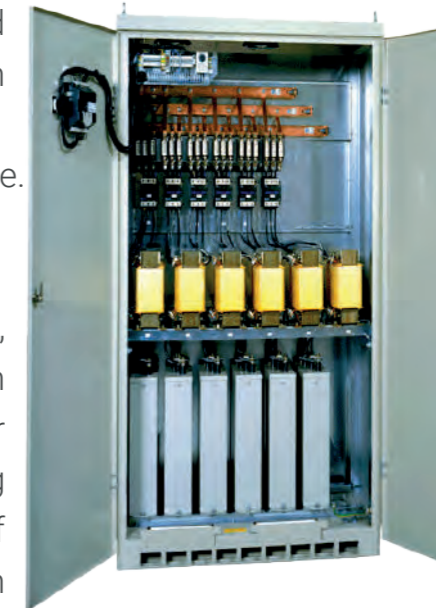
MEASUREMENT, ANALYSIS & CORRECTION OF SYSTEM ANOMALIES

Most critical part of Power Quality improvement process is to identify and diagnose the problem in the network, rightly. In order to achieve this, we can assist with

- (i) Carrying out harmonic measurement at site.
- (ii) Performing Analysis of measured harmonic data.

Based on evaluation of data, we can Design, Manufacture & Supply appropriate mitigation systems such as Capacitor Banks and /or Passive/Active Filters etc. including installation, testing & commissioning of supplied equipment at site and demonstration

Our employees are our strength. Key members of our team, having worked with various European Multinational specialist manufacturers of Power quality improvement products & systems, bring-in a vast professional experience in the filed of Power Quality solutions. We are equipped to support you in solving any complex problems in your network.



- Power Factor Correction
- APFC Panel & Components
- Harmonic Mitigation
- Measurement & Analysis
- Line Reactors
- VFD & Softstarter
- Autotransformer Softstarters
- Electric Motors
- MCC Panels



Dubai, UAE - P.O. Box: 95412
 Tel : +971 4 29646880
 www.enersys.com
 Email: inquiries@enersys.com

CUSTOM TURN KEY SOLUTIONS

Our team of dedicated engineers offer a wealth of experience in all aspects of design, manufacture and installation. We are available to offer hands on advice and offer turnkey end-to-end solutions for entire projects - concept & design through to installation and commissioning.

L.V. SWITCHGEAR & CONTROL PANELS

We are also engaged in Retrofits, Designing, Manufacturing, Testing, Commissioning & troubleshooting of a wide range of Low Voltage Switchgears and control panel systems. We offer a range of superior quality electrical panels, which are manufactured by us using material designed as per benchmark standards guaranteeing high performance, reliability and durability.

SUPERVISION OF INSTALLATION, TESTING & COMMISSIONING

Our team of professionals will support you for your all needs of site services by providing most professional quality support in supervision of installation, testing & commissioning.

VFD & SOFTSTARTERS - EMOTRON SWEDEN ELECTRICAL CONTROL PANELS

We are the sole authorised sales & service channel partner in the GCC for the Variable Frequency Drive – Emotron.

The manufacturer, Emotron now named as CG Drives & Automation has their production and testing facilities located at the head office in Helsingborg, Sweden. They have been supplying VFDs around the world for more than 35years with constant R&D incorporating cutting edge technology such as Direct Torque Control(DTC) & Power Elec-tronic Building Block (PEBB) Architecture.



CG Motors – Crompton Greaves (CG) is part of the US\$ 4 bn Avantha Group, a conglomerate with an impressive global footprint. Since its inception CG has been synonymous with electricity. CG's India operations were established in 1937, and since then the company has retained its leadership position in the management and application of electrical energy. Crompton Greaves is fast emerging as a first-choice global supplier for high quality equipments.

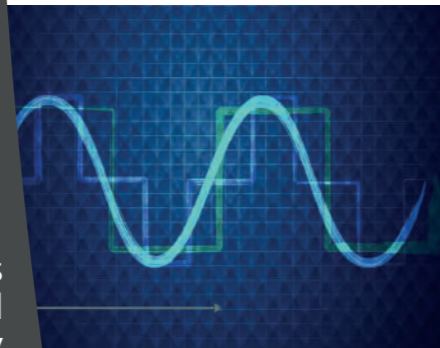
Our Product range under CG Motors includes both L.V. & M.V.:

- 3Phase Squirrel Cage Induction Motor
- DC Motors
- Slip Ring Induction Motor
- Crane Duty Motor
- Explosion Proof Motor



OUR PQ CONSULTING PROVIDES

A TOTAL END TO END SOLUTION.



HARMONIC MEASUREMENT & ANALYSIS

The most important criterion in understanding the nature of problem related to PQ in a system is to measure and analyze the harmonics.

With our 25+ years of experience in the field, we can assist you in measuring the data at appropriate points in your network, analyze the data and recommend suitable solutions for your network.

We provide complete electrical panel solutions such as:

- Motor starter panels
- VFD and Soft starter panels
- PLC panels
- Motor Control Center panels
- Capacitor Bank Panels
- DDC Panels

Industries we serve:

- Oil and Gas
- HVAC and DCP's
- Water and Waster Water
- Food and Beverages Industry

We always focus on providing standard solutions made with high quality components and equipments from international brands. Our team comprising experienced Engineers and technicians always strive to deliver the solutions without compromising quality. All panels are delivered after thorough quality inspection and testing.



Cutting-edge Technology at work for you

ENERGY SAVINGS & MAXIMUM KVA UTILISATION

By Power Quality improvement, the total current consumption can be reduced by pf correction thus providing direct returns.

- Improve System Efficiency by reducing the load current , inturn the system losses
- Utilise the full potential of the distribution transformer by bringing down the load kVA
- Avoid penalties by utilities on account of maximum kVA demand charges.
- Supports system voltage stability

